

Form PTO-1449 (modified) List of Patents and Publications Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DKT. NO. 5119-00529 APPLICANT: McDevitt et al. FILING DATE: January 31, 2001		SERIAL NO. 09/775,343 GROUP: Unknown			
U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
✓	A1	3,696,932	10/1972	Rosenberg			
	A2	3,701,433	10/1972	Krakauer et al.			
	A3	3,954,623	5/1976	Hammer et al.			
	A4	4,036,946	7/1977	Kleinerman			
	A5	4,050,898	9/1977	Goffe, deceased et al.			
	A6	4,069,017	1/1978	Wu et al.			
	A7	4,115,277	9/1978	Swank			
	A8	4,189,382	2/1980	Zine, Jr.			
	A9	4,200,613	4/1980	Alfrey et al.			
	A10	4,246,107	1/1981	Takenaka et al.			
	A11	4,344,743	8/1982	Bessman et al.			
	A12	4,477,575	10/1984	Vogel et al.			
	A13	4,596,657	6/1986	Wisdom			
	A14	4,623,461	11/1986	Hossom et al.			
	A15	4,661,445	4/1987	Saxinger et al.			
	A16	4,672,028	6/1987	Olson			
	A17	4,753,776	6/1988	Hillman et al.			
	A18	4,810,378	3/1989	Carmen et al.			
	A19	4,828,386	5/1989	Matkovich et al.			
	A20	4,855,225	8/1989	Fung et al.			
	A21	4,908,112	3/1990	Pace			
	A22	4,938,742	7/1990	Smits			
	A23	4,997,577	3/1991	Stewart			
	A24	5,053,197	10/1991	Bowen			
	A25	5,143,853	9/1992	Walt			
	A26	5,147,606	9/1992	Charlton et al.			
	A27	5,162,863	11/1992	Ito			
✓	A28	5,182,366	1/1993	Huebner et al.			

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List of Patents and Publications

For Applicant's Information

Disclosure Statement

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>h</i>	A29	5,188,934	2/1993	Menchen et al.			
	A30	5,209,904	5/1993	Forney et al.			
	A31	5,211,850	5/1993	Shettigar et al.			
	A32	5,219,763	6/1993	Van Hoegaerden			
	A33	5,235,028	8/1993	Barany et al.			
	A34	5,244,636	9/1993	Walt et al.			
	A35	5,244,813	9/1993	Walt et al.			
	A36	5,250,264	10/1993	Walt et al.			
	A37	5,252,494	10/1993	Walt et al.			
	A38	5,278,303	1/1994	Krepinsky et al.			
	A39	5,288,214	2/1994	Fukuda et al.			
	A40	5,307,144	4/1994	Hiroshi et al.			
	A41	5,366,860	11/1994	Bergot et al.			
	A42	5,374,530	12/1994	Nuzzolo et al.			
	A43	5,382,512	1/1995	Smethers et al.			
	A44	5,405,784	4/1995	Van Hoegaerden			
	A45	5,480,723	1/1996	Klainer et al.			
	A46	5,499,909	3/1996	Yamada et al.			
	A47	5,503,985	4/1996	Cathey et al.			
	A48	5,512,490	4/1996	Walt et al.			
	A49	5,518,887	5/1996	Parsons et al.			
	A50	5,567,627	10/1996	Lehnen			
	A51	5,611,676	3/1997	Ooumi et al.			
	A52	5,616,698	4/1997	Krepinsky et al.			
	A53	5,632,876	5/1997	Zanzucchi et al.			
	A54	5,654,497	8/1997	Hoffheins et al.			
	A55	5,677,196	10/1997	Herron et al.			
	A56	5,698,089	12/1997	Lewis et al.			
<i>h</i>	A57	5,700,897	12/1997	Klainer et al.			

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 TRADEMARKS & PATENT OFFICE

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
W	A58	5,705,018	1/1998	Hartley	7	3	
	A59	5,707,502	1/1998	McCaffrey et al.			
	A60	5,755,942	5/1998	Zanzucchi et al.			
	A61	5,759,015	6/1998	Van Lintel et al.			
	A62	5,797,898	8/1998	Santini, Jr. et al.			
	A63	5,814,524	9/1998	Walt et al.			
	A64	5,827,748	10/1998	Golden			
	A65	5,834,318	11/1998	Buettner			
	A66	5,840,256	11/1998	Demers et al.			
	A67	5,843,655	12/1998	McGall			
	A68	5,846,396	12/1998	Zanzucchi et al.			
	A69	5,858,804	1/1999	Zanzucchi et al.			
	A70	5,866,430	2/1999	Grow			
	A71	5,876,605	3/1999	Kitajima et al.			
	A72	5,914,042	6/1999	Ball et al.			
	A73	5,922,617	7/1999	Wang et al.			
	A74	5,965,695	10/1999	Simon et al.			
A75	6,023,540	2/2000	Walt et al.				
A76	6,037,137	3/2000	Komoriya et al.				
A77	6,048,732	4/2000	Anslyn et al.				

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
W	A78	97/35189	9/25/97	WO	7	3	
	A79	98/40726	9/17/98	WO			
	A80	98/53300	11/26/98	WO			
	A81	99/17139	4/8/99	WO			
	A82	99/18434	4/15/99	WO			

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MAY 04 2001 OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Stanley, "UT scientists engineer a tiny arbiter of taste," Austin American Statesman, July 26, 1998.	
	A84	"Biosensors respond with colored light," Science News, Vol. 152, November 15, 1997, p. 317.	
	A85	Ricco et al, "Surface Acoustic Wave Chemical Sensor Arrays: New Chemically Sensitive Interfaces Combined with Novel Cluster Analysis to Detect Volatile Organic Compounds and Mixtures," Accounts of Chemical Research, Vol. 31, No. 5, 1998, pp. 289-296.	
	A86	Grate et al., "Hydrogen Bond Acidic Polymers for Surface Acoustic Wave Vapor Sensors and Arrays," Analytical Chemistry, Vol. 71, No. 5, March 1, 1999, pp. 1033-1040.	
	A87	Johnson et al., "Identification of Multiple Analytes Using an Optical Sensor Array and Pattern Recognition Neural Networks," Analytical Chemistry, Vol. 69, No. 22, November 15, 1997, pp. 4641-4648.	
	A88	Healey et al., "Fast Temporal Response Fiber-Optic Chemical Sensors Based on the Photodeposition of Micrometer-Scale Polymer Arrays," Analytical Chemistry, Vol. 69, No. 11, June 1, 1997, pp. 2213-2216.	
	A89	White et al., "Rapid Analyte Recognition in a Device Based on Optical Sensors and the Olfactory System," Analytical Chemistry, Vol. 68, No. 13, July 1, 1996, pp. 2191-2202.	
	A90	Potyrailo et al., "Optical Time-of-Flight Chemical Detection: Absorption-Modulated Fluorescence for Spatially Resolved Analyte Mapping in a Bidirectional Distributed Fiber-Optic Sensor," Analytical Chemistry, Vol. 70, No. 16, August 15, 1998, pp. 3407-3412.	
	A91	Holtz et al., "Intelligent Polymerized Crystalline Colloidal Arrays: Novel Chemical Sensor Materials," Analytical Chemistry, Vol. 70, No. 4, February 15, 1998, pp. 780-791.	
	A92	Lavigne et al., "Solution-Based Analysis of Multiple Analytes by a Sensor Array: Toward the Development of an Electronic Tongue," J. Am. Chem. Soc., Vol. 120, No. 25, July 1, 1998, pp. 6429-6430.	
	A93	Han et al., "Fabrication and characterization of a Fabry-Perot based chemical sensor," Microelectronics Research Center and Department of Electrical and Computer Engineering, February 7, 1997.	
	A94	Han et al, "Deflection behavior of Fabry-Perot pressure sensors having planar and corrugated diaphragms," Microelectronics Research Center and Department of Electrical and Computer Engineering, February 4, 1997.	
	A95	Patent Abstracts of Japan, Publication No. 10332593, Publication Date December 18, 1998.	
	A96	International Search Report, Application No. PCT/US99/16162, mailed November 26, 1999.	

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U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
W	E1	0 518 557-A2	Dec-92	EP	M	N	
M	E2	2 315 131 A	Jan-98	GB			
N	E3	98/17383-A1	4/1998	WO			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
W	E4	Cho et al., "An Unnatural Biopolymer," <i>Science</i> , 1993, 261, p. 1303-1305					
W	E5	Lauritzen et al., "Peptide Dot Immunoassay and Immunoblotting: Electrophoretic Blotting from Aluminum Thin-layer Chromatography Plates and Isoelectric Focusing Gels to Activated Nitrocellulose," <i>Electrophoresis</i> , 1993, 14, p. 852-859.					
W	E6	Schutz et al., "Direct Observation of Ligand Colocalization on Individual Receptor Molecules," <i>Biophysical Journal</i> , 1998, 74,					

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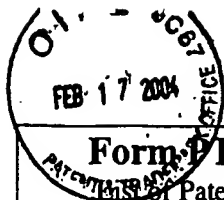
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GROUP: ~~1645~~ 1634

CONFIRMATION NO: 7209

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
✓	F1	6309889 B1	10/30/2001	Cutler et al.			
✓	F2	4681742	07/21/1987	Johnson et al.			
✓	F3	2001/0002984	06/07/2001	Vetter			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
✓	F4	94/19690	9/1/1994	WO			
	F5	00/20117	4/13/2000	WO			
	F6	Abstract 99/67024	12/29/1999	WO			No
	F7	2 300 258	10/30/1996	GB			
	F8	339 623	11/2/1989	EP			
✓	F9	00/04372	1/27/2000	WO			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Attorney Docket Number	26059.00
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41/04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
✓	D1	3,709,868	1/1973	Spector			
	D2	3,843,696	10/1974	Wagner, et al			
	D3	3,856,469	12/1974	Schneider, et al			
	D4	3,876,504	4/1975	Koffler			
	D5	3,964,974	6/1976	Banauch, et al			
	D6	4,245,041	1/1981	Denney			
	D7	4,294,817	10/1981	Burgett			
	D8	4,378,429	3/1983	Modrovich			
	D9	4,567,149	1/1986	Sell, et al			
	D10	4,683,195	7/1987	Mullis, et al			
	D11	4,683,202	7/1987	Mullis			
	D12	4,795,698	1/1989	Owen, et al			
	D13	4,813,277	3/1989	Miller, et al			
	D14	4,925,800	5/1990	Kovacs			
	D15	4,965,188	10/1990	Mullis, et al			
	D16	5,071,076	12/1991	Chagnon, et al			
	D17	5,108,933	4/1992	Liberti, et al			
	D18	5,130,238	7/1992	Malek, et al			
	D19	5,156,810	10/1992	Ribi			
	D20	5,168,044	12/1992	Joyce, et al			
	D21	5,235,028	8/1993	Barany, et al			
	D22	5,252,294	10/1993	Kroy et al			
	D23	5,491,097	2/1996	Ribi et al			
	D24	5,563,042	10/1996	Phillips, et al			
	D25	5,631,130	5/1997	Leckie, et al			
	D26	5,788,814	8/1998	Sun et al			
✓	D27	5,827,748	10/1998	Golden			

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W	D28	5,846,708	12/1998	Hollis et al			
	D29	5,854,141	12/1998	Cronin et al			
	D30	5,856,174	1/1999	Lipshutz et al			
	D31	5,869,241	2/1999	Edwards, et al			
	D32	5,872,170	2/1999	Mine et al			
	D33	5,891,656	4/1999	Zarling et al			
	D34	5,965,590	10/1999	Rossignol			
	D35	5,981,297	11/1999	Baselt			
	D36	5,992,820	11/1999	Fare et al			
	D37	6,008,031	12/1999	Modrich, et al			
	D38	6,013,440	1/2000	Lipshutz, et al			
	D39	6,045,579	4/2000	Hochshuler, et al			
	D40	6,063,581	5/2000	Sundrehagen			
	D41	6,083,763	7/2000	Balch			
	D42	6,151,973	11/2000	Geysen, et al			
W	D43	6,331,441	12/2001	Balch et al			

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	D44	00/04372	1/2000	WO			
W	D45	90/01069	2/1990	WO			
W	D46	92/0880	1/1992	WO			
W	D47	439,182	4/96	EP			

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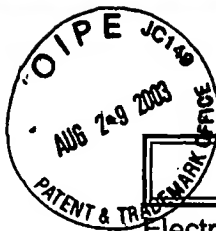
SERIAL NO. 09/775,343

GROUP: 1645

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	D48	Adler, M; Nicholson, J.D.; Hackley, B.E., Jr. "Efficacy of a novel metalloprotease inhibitor on botulinum neurotoxin B activity" FEBS Lett., 1998, 429, 234-238.
	D49	James, T.D.; Samandumara, K.R.A.; Iguchi, R.; Shinkai, S.J. Am. Chem. Soc. 1995; 117, 8982.
	D50	Murukami, H.; Nagasaki, T.; Hamachi, I.; Shinkai, S. Tetrahedron Lett., 34, 6273. <i>No Date Provided</i>
	D51	Shinkai, S.; Tsukagohsi, K.; Ishikawa, Y.; Kunitake, T.J. Chem. Soc. Chem. Commun. 1991, 1039.
	D52	Kondo, K.; Shiomi, Y.; Saisho, M.; Harada, T.; Shinkai, S. Tetrahedron. 1992, 48, 8239.
	D53	Shiomi, Y.; Saisho, M.; Tsukagoshi, K.; Shinkai, S.J. Chem. Soc. Perkin Trans I 1993, 2111.
	D54	Deng, G.; James, T.D.; Shinkai, S.J. Am. Chem. Soc. 1994, 116, 4567.
	D55	James, T.D.; Harada, T.; Shinkai, S.J. Chem. Soc. Chem. Commun. 1993, 857.
	D56	James T. D.; Murata, K.; Harada, T.; Ueda, K.; Shinkai, S. Chem. Lett. 1994, 273.
	D57	Ludwig, R.; Harada, T.; Ueda, K.; James, T.D.; Shinkai, S.J. Chem. Soc. Perkin Trans 2. 1994, 4, 497.
	D58	Sandanayake, K.R.A.S.; Shinkai, S.J. Chem. Soc., Chem. Commun. 1994, 1083.
	D59	Nagasaki, T.; Shinmori, H.; Shinkai, S. Tetrahedron Lett. 1994, 2201.
	D60	Murakami, H.; Nagasaki, T.; Hamachi, I.; Shinkai, S. J. Chem. Soc. Perkin Trans 2. 1994, 975.
	D61	Nakashima, K.; Shinkai, S. Chem. Lett. 1994, 1267.
	D62	Sandanayake, K.R.A.S.; Nakashima, K.; Shinkai, S.J. Chem. Soc. 1994, 1621.
	D63	James, T.D.; Sandanayake, K.R.A.S.; Shinkai, S.J. Chem. Soc., Chem. Commun. 1994, 477.
	D64	James T.D.; Sandanayake, K.R.A.S.; Angew. Chem., Int. Ed. Eng. 1994, 33, 2207.
	D65	James T.D.; Sandanayake, K.R.A.S.; Shinkai, S. Nature, 1995, 374, 345.
	D66	Förster, Th. "Transfer Mechanisms of Electronic Excitation"; Discuss. Faraday Soc., 1959, 27, 7.
	D67	Khanna, P.L.; Ullman, E.F. "4', 5' - Dimethoxyl-6-carboxyfluorescein; A novel dipole-dipole coupled fluorescence energy transfer acceptor useful for fluorescence immunoassays", Anal. Biochem. 1980, 108, 156.
	D68	Morrison, L.E. "Time resolved Detection of Energy Transfer: Theory and Application to Immunoassays", Anal. Biochem. 1998, 174, 101.
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	D70	Shone, C.C.; Roberts, A.K., "Peptide substrate specificity and properties of the zinc endopeptidase activity of botulinum type B neurotoxin", Eur. J. Biochem., 1994, 225, 263-270.
	D71	Soleilhac, J.-M.; Cornille, F.; Martin, L.; Lenoir, C.; Fournie-Zaluski, M.-C.; Roques, B.P. "A sensitive and rapid fluorescence-based assay for determination of tetanus toxin peptidase activity: Anal. Biochem., 1996, 241, 120-127.
	D72	Stimpson, D.I.; Haijer, J.V.; Hsieh, W.; Jou, C.; Gardon, J.; Theriault, T.; Gamble, R.; Baldeschwieler, J.D.; Proc. Natl. Acad. Sci. USA 1995, 92, 6379.
✓	D73	Niikura, K.; Metzger, A.; Anslyn, E.V., "A Sensing Ensemble with Selectivity for Iositol Triphosphate", J. Am. Chem. Soc., 1998, 120, 0000.


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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	PORTABLE SENSOR ARRAY SYSTEM						
Application Number:	09/775343						
Confirmation Number:	7209						
First Named Applicant:	John McDevitt						
Attorney Docket Number:	5119-00529						
Art Unit:	1645						
Examiner:	Unknown Unknown						
Search string:	(4874499 or 5126276 or 5137833 or 5156972 or 5223393 or 5248742 or 5262127 or 5385709 or 5391272 or 5550373 or 5583054 or 5616790 or 5690807 or 5714122 or 5747349 or 5748091 or 5770370 or 5773307 or 5843767 or 5863957 or 5872623 or 5942443 or 5980704 or 6074616 or 6083761 or 6103479 or 6127139 or 6171780 or 6210910 or 6245296 or 6288220 or 6171489 or 4360611 or 5547682 or 5866099 or 6514415 or 4988618 or 5779907 or 5837552 or 6355491 or 6413786 or 6254830 or 6133047 or 5698271 or 5240640 or 5597531 or 6168948 or 6355431 or 6482593).pn.						
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US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	4874499	1989-10-17	Smith			
<input type="checkbox"/>	2	5126276	1992-06-30	Fish et al.			
<input type="checkbox"/>	3	5137833	1992-08-11	Russell			
<input type="checkbox"/>	4	5156972	1992-10-20	Issachar			
<input type="checkbox"/>	5	5223393	1993-06-29	Khanna et al.			
<input type="checkbox"/>	6	5248742	1993-09-28	McGarry et al.			
<input type="checkbox"/>	7	5262127	1993-11-16	Wise			
<input type="checkbox"/>	8	5385709	1995-01-31	Wise			
<input checked="" type="checkbox"/>	9	5391272	1995-02-21	ODaly et al.			

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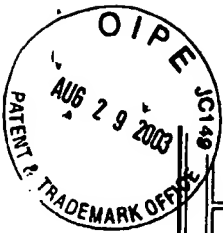
page 1 of 3



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Remarks

Note: Remarks are not for responding to an office action.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert and Goetzl, P.C. Deposit Account No. 50-1505/5119-00529/EBM.

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Examiner Name	Date
<i>W</i>	4/04

Form PTO-1449 (modified)

List of Patents and Publications

For Applicant's Information

Disclosure Statement

(Use several sheets if necessary)

ATTY. DKT. NO. 5119-00529

APPLICANT: McDevitt et al.

FILING DATE: January 31, 2001

SERIAL NO. 09/775,343

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Information Disclosure Statement--PTO 1449 (modified)